2006-08 GENERAL INFORMATION

Specifications - Civic (All Except GX & Hybrid)

STANDARDS AND SERVICE LIMITS

ENGINE ELECTRICAL (R18A1 ENGINE)

STANDARDS AND SERVICE LIMITS - ENGINE ELECTRICAL (R18A1 ENGINE)

Item	Measurement	Qualification	Standard or New	Service Limit
Ignition coil	Rated voltage		12V	
	Firing order		1-3-4-2	
Spark plug	Type		NGK:IZFR6K11S DENSO:SKJ20DR-M11S	
	Gap		1.0-1.1 mm (0.039-0.043 in.)	-
Ignition timing	At idle Check the red mark	M/T (in neutral)	8±2° BTDC	
		A/T (in N or P position)	8±2 ° BTDC	
Drive belt	Tension		Auto-tensioner	
Alternator	Output	At 13.5 V and normal engine temperature	90 A	
	Coil (rotor) resistance	At 68°F (20°C)	1.84-2.10 ohms	
	Slip ring O.D.		22.7 mm (0.89 in.)	21.2 mm (0.83 in.)
	Brush length		19.0 mm (0.75 in.)	5.0 mm (0.20 in.)
	Brush spring tension		3.3-4.1 N (0.34-0.42 kgf, 0.75-0.93 lbf)	
Starter	Output		1.0 kW	

	Commutator mica depth	M/T A/T	0.50-0.80 mm (0.020-0.031 in.)	0.2 mm (0.008 in.)
	Commutator runout		0.02 mm (0.001 in.) max.	0.05 mm (0.002 in.)
	Commutator O.D.	M/T A/T	28.0 mm (1.10 in.)	27.0 mm (1.06 in.)
	Brush length	M/T A/T	14.0-14.5 mm (0.55-0.57 in.)	9.0 mm (0.35 in.)
	Brush spring tension		13.7-17.7 N (1.40-1.80 kgf, 3.09-3.97 lbf)	

ENGINE ELECTRICAL (K20Z3 ENGINE)

STANDARDS AND SERVICE LIMITS - ENGINE ELECTRICAL (K20Z3 ENGINE)

Item	Measurement	Qualification	Standard or New	Service Limit
Ignition coil	Rated voltage		12V	
	Firing order		1-3-4-2	
Spark plug	Type		NGK:IFR7G11KS DENSO:SK22PR-M11S	
	Gap		1.0-1.1 mm (0.039-0.043 in.)	-
Ignition timing	At idle Check the red mark		8±2° BTDC	
Drive belt	Tension		Auto-tensioner	
Alternator	Output	At 13.5 V and normal engine temperature	105 A	

	Coil (rotor) resistance	At 68 °F (20 °C)	3.2-4.0 ohms	
	Slip ring O.D.		14.4 mm (0.57 in.)	14.0 mm (0.55 in.)
	Brush length		10.5 mm (0.41 in.)	1.5 mm (0.06 in.)
	Brush spring tension		3.2 N (0.33 kgf, 0.7 lbf)	
Starter	Output		1.0 kW	
	Commutator mica depth		0.40-0.50 mm (0.016-0.020 in.)	0.15 mm (0.006 in.)
	Commutator runout		0.02 mm (0.001 in.) max.	0.05 mm (0.002 in.)
	Commutator O.D.		28.0-28.1 mm (1.102-1.106 in.)	27.5 mm (1.083 in.)
	Brush length		11.1-11.5 mm (0.44-0.45 in.)	9.0 mm (0.35 in.)
	Brush spring tension		13.7-17.7 N (1.40-1.80 kgf, 3.09-3.97 lbf)	

ENGINE ASSEMBLY (R18A1 ENGINE)

STANDARDS AND SERVICE LIMITS - ENGINE ASSEMBLY (R18A1 ENGINE)

Item	Measurement	Qualification	Standard or New
Compression	Pressure Check the engine with the starter cranking	Minimum	880 kPa (9.0 kgf/cm^2 , 128 psi)
		Maximum variation	200 kPa (2.0 kgf/cm^2 , 28 psi)

ENGINE ASSEMBLY (K20Z3 ENGINE)

STANDARDS AND SERVICE LIMITS - ENGINE ASSEMBLY (K20Z3 ENGINE)

Item	Measurement	Qualification	Standard or New
Compression	Pressure Check the engine with the starter cranking	Minimum	930 kPa (9.5 kgf/cm^2 , 135 psi)
		Maximum variation	200 kPa (2.0 kgf/cm^2 , 28 psi)

CYLINDER HEAD (R18A1 ENGINE)

STANDARDS AND SERVICE LIMITS - CYLINDER HEAD (R18A1 ENGINE)

Item	Measurement	Qualification	Standard or New	Service Limit
Head	Warpage		-	0.08 mm (0.003 in.)
	Height		114.95-115.05 mm (4.526-4.530 in.)	-
Camshaft	End play		0.050-0.250 mm (0.002-0.010 in.)	0.4 mm (0.02 in.)
	Camshaft-to-holder oil clearance		0.045-0.084 mm (0.0018-0.0033 in.)	0.15 mm (0.006 in.)
	Total runout		0.03 mm (0.001 in.) max.	0.04 mm (0.002 in.)
	Cam lobe height	Intake, primary	35.754 mm (1.4076 in.)	-

		Intake, secondary A	35.358 mm (1.3920 in.)	-
		Intake, secondary B	36.027 mm (1.4184 in.)	-
		Exhaust	35.813 mm (1.4100 in.)	-
Valve	Clearance (cold)	Intake	0.18-0.22 mm (0.007-0.009 in.)	-
		Exhaust	0.23-0.27 mm (0.009-0.011 in.)	-
	Stem O.D.	Intake	5.48-5.49 mm (0.2157-0.2161 in.)	5.45 mm (0.215 in.)
		Exhaust	5.45-5.46 mm (0.2146-0.2150 in.)	5.42 mm (0.213 in.)
	Stem-to-guide clearance	Intake	0.02-0.05 mm (0.0008-0.0020 in.)	0.08 mm (0.003 in.)
		Exhaust	0.05-0.08 mm (0.0020-0.0031 in.)	0.11 mm (0.004 in.)
Valve seat	Width	Intake	0.85-1.15 mm (0.033-0.045 in.)	1.6 mm (0.06 in.)
		Exhaust	1.25-1.55 mm (0.049-0.061 in.)	2.0 mm (0.08 in.)
	Stem installed height	Intake	67.2-67.4 mm (2.646-2.654 in.)	67.7 mm (2.665 in.)
		Exhaust	58.4-58.6 mm	58.9 mm

			(2.299-2.307 in.)	(2.319 in.)
Valve spring	Free length	Intake	55.31 mm (2.178 in.)	-
		Exhaust	56.97 mm (2.243 in.)	-
Valve guide	I.D.	Intake	5.51-5.53 mm (0.217-0.218 in.)	5.55 mm (0.219 in.)
		Exhaust	5.51-5.53 mm (0.217-0.218 in.)	5.55 mm (0.219 in.)
	Installed height	Intake	18.25-18.75 mm (0.719-0.738 in.)	-
		Exhaust	18.25-18.75 mm (0.719-0.738 in.)	-
Rocker arm	Arm-to-shaft clearance	Intake	0.019-0.050 mm (0.0007-0.0020 in.)	0.08 mm (0.0031 in.)
		Exhaust	0.019-0.050 mm (0.0007-0.0020 in.)	0.08 mm (0.0031 in.)

CYLINDER HEAD (K20Z3 ENGINE)

STANDARDS AND SERVICE LIMITS - CYLINDER HEAD (K20Z3 ENGINE)

Item	Measurement	Qualification	Standard or New	Service Limit
Head	Warpage		-	0.05 mm (0.002 in.)
	Height		103.95-104.05 mm (4.093-	-

			4.096 in.)	
Camshaft	End play		0.05-0.20 mm (0.002-0.008 in.)	0.4 mm (0.02 in.)
	Camshaft-to-holder oil clearance	No. 1 journal	0.030-0.069 mm (0.001-0.003 in.)	0.15 mm (0.006 in.)
		No. 2, 3, 4, 5 journals	0.060-0.099 mm (0.002-0.004 in.)	0.15 mm (0.006 in.)
	Total runout		0.03 mm (0.001 in.) max.	0.04 mm (0.002 in.)
	Cam lobe height	Intake, primary	32.791 mm (1.2910 in.)	-
		Intake, mid	35.534 mm (1.3990 in.)	-
		Intake, secondary	32.678 mm (1.2865 in.)	-
		Exhaust, primary	32.772 mm (1.2902 in.)	-
		Exhaust, mid	34.768 mm (1.3688 in.)	-
		Exhaust, secondary	32.661 mm (1.2859 in.)	-
Valve	Clearance (cold)	Intake	0.21-0.25 mm (0.008-0.010 in.)	-
		Exhaust	0.25-0.29 mm (0.010-0.011 in.)	-
	Stem O.D.	Intake	5.475-5.485 mm (0.2156-0.2159 in.)	5.445 mm (0.214 in.)

		Exhaust	5.450-5.460 mm (0.2146-0.2150 in.)	5.420 mm (0.213 in.)
	Stem-to-guide clearance	Intake	0.030-0.055 mm (0.0012-0.0022 in.)	0.08 mm (0.003 in.)
		Exhaust	0.055-0.080 mm (0.0022-0.0031 in.)	0.11 mm (0.004 in.)
Valve seat	Width	Intake	1.25-1.55 mm (0.049-0.061 in.)	2.00 mm (0.079 in.)
		Exhaust	1.25-1.55 mm (0.049-0.061 in.)	2.00 mm (0.079 in.)
	Stem installed height	Intake	44.0-44.5 mm (1.73-1.75 in.)	44.7 mm (1.76 in.)
		Exhaust	44.1-44.6 mm (1.74-1.76 in.)	44.8 mm (1.76 in.)
Valve spring	Free length	Intake	NIPPON HATSUJO: 47.57 mm (1.8728 in.)	-
			CHUO HATSUJO: 47.58 mm (1.8732 in.)	
		Exhaust	NIPPON HATSUJO: 49.64 mm (1.954 in.)	-
			CHUO HATSUJO: 49.63 mm	

			(1.954 in.)	
Valve guide	I.D.	Intake	5.515-5.530 mm (0.2171-0.2177 in.)	5.55 mm (0.219 in.)
		Exhaust	5.515-5.530 mm (0.2171-0.2177 in.)	5.55 mm (0.219 in.)
	Installed height	Intake	15.2-16.2 mm (0.598-0.638 in.)	-
		Exhaust	15.5-16.5 mm (0.610-0.650 in.)	-
Rocker arm	Arm-to-shaft clearance		0.025-0.052 mm (0.0010-0.0020 in.)	0.08 mm (0.003 in.)

ENGINE BLOCK (R18A1 ENGINE)

STANDARDS AND SERVICE LIMITS - ENGINE BLOCK (R18A1 ENGINE)

Item	Measurement	Qualification	Standard or New	Service Limit
Block	Warpage of deck		0.07 mm (0.003 in.) max.	0.10 mm (0.004 in.)
	Bore diameter		81.000-81.015 mm (3.1890-3.1896 in.)	81.070 mm (3.1917 in.)
	Bore taper		-	0.05 mm (0.002 in.)
	Reboring limit		-	0.25 mm (0.01 in.)
Piston	Skirt O.D. at 14 mm (0.55 in.)		80.980-80.990 mm (3.1881-	80.98 mm (3.186 in.)

	from bottom of skirt		3.1886 in.)	
	Clearance in cylinder		0.010-0.035 mm (0.0004-0.0014 in.)	0.05 mm (0.002 in.)
	Ring groove width	Top	1.23-1.24 mm (0.048-0.049 in.)	1.26 mm (0.050 in.)
		Second	1.22-1.23 mm (0.047-0.048 in.)	1.25 mm (0.049 in.)
		Oil	2.005-2.020 mm (0.0789-0.0795 in.)	2.05 mm (0.081 in.)
Piston ring	Ring-to-groove clearance	Top	0.045-0.070 mm (0.0018-0.0028 in.)	0.13 mm (0.005 in.)
		Second	0.035-0.060 mm (0.0014-0.0024 in.)	0.13 mm (0.005 in.)
	Ring end gap	Top	0.20-0.35 mm (0.008-0.014 in.)	0.60 mm (0.024 in.)
		Second	0.40-0.55 mm (0.016-0.022 in.)	0.70 mm (0.028 in.)
		Oil	0.20-0.70 mm (0.008-0.028 in.)	0.80 mm (0.031 in.)
Piston pin	O.D.		19.960-19.964 mm (0.7858-0.7860 in.)	19.960 mm (0.7858 in.)
	Pin-to-piston clearance		-0.004 to +0.003 mm	0.006 mm (0.0002 in.)

			(-0.00016 to +0.00012 in.)	
Connecting rod	Pin-to-rod clearance		0.005-0.015 mm (0.0002-0.0006 in.)	0.02 mm (0.0008 in.)
	Small-end bore diameter		19.969-19.975 mm (0.7862-0.7864 in.)	-
	Large-end bore diameter		48.0 mm (1.89 in.)	-
	End play installed on crankshaft		0.15-0.35 mm (0.006-0.014 in.)	0.45 mm (0.018 in.)
Crankshaft	Main journal diameter		54.976-55.000 mm (2.1644-2.1654 in.)	-
	Rod journal diameter		44.976-45.000 mm (1.7707-1.7716 in.)	-
	Rod/main journal taper		0.005 mm (0.0002 in.) max.	0.010 mm (0.0004 in.)
	Rod/main journal out-of-round		0.005 mm (0.0002 in.) max.	0.010 mm (0.0004 in.)
	End play		0.10-0.35 mm (0.004-0.014 in.)	0.45 mm (0.018 in.)
	Runout		0.03 mm (0.0012 in.) max.	0.04 mm (0.0016 in.)
Crankshaft bearing	Main bearing-to-journal oil clearance		0.018-0.034 mm (0.0007-0.0013 in.)	0.045 mm (0.0018 in.)

	Rod bearing clearance		0.024-0.042 mm (0.0009-0.0017 in.)	0.055 mm (0.0022 in.)

ENGINE BLOCK (K20Z3 ENGINE)

STANDARDS AND SERVICE LIMITS - ENGINE BLOCK (K20Z3 ENGINE)

Item	Measurement	Qualification	Standard or New	Service Limit
Block	Warpage of deck		0.07 mm (0.003 in.) max.	0.10 mm (0.004 in.)
	Bore diameter	A or I	86.010-86.020 mm (3.3862-3.3866 in.)	86.070 mm (3.3886 in.)
		B or II	86.000-86.010 mm (3.3858-3.3862 in.)	86.070 mm (3.3886 in.)
	Bore taper		-	0.05 mm (0.002 in.)
	Reboring limit		-	0.25 mm (0.01 in.)
Piston	Skirt O.D. at 11 mm (0.4 in.) from bottom of skirt	No letter or A	85.980-85.990 mm (3.3850-3.3854 in.)	85.930 mm (3.3831 in.)
		Letter B	85.970-85.980 mm (3.3846-3.3850 in.)	85.920 mm (3.3827 in.)
	Clearance in cylinder		0.020-0.040 mm (0.0008-0.0016 in.)	0.05 mm (0.002 in.)
	Ring groove width	Top	1.220-1.230 mm (0.0481-0.0484 in.)	1.25 mm (0.049 in.)

		Second	1.220-1.230 mm (0.0481-0.0484 in.)	1.25 mm (0.049 in.)
		Oil	2.005-2.025 mm (0.0789-0.0797 in.)	2.05 mm (0.081 in.)
Piston ring	Ring-to-groove clearance	Top	0.045-0.070 mm (0.0018-0.0028 in.)	0.13 mm (0.005 in.)
		Second	0.040-0.065 mm (0.0016-0.0026 in.)	0.13 mm (0.005 in.)
	Ring end gap	Top	0.20-0.35 mm (0.008-0.014 in.)	0.60 mm (0.024 in.)
		Second	0.50-0.65 mm (0.020-0.026 in.)	0.75 mm (0.030 in.)
		Oil	0.20-0.70 mm (0.008-0.028 in.)	0.80 mm (0.031 in.)
Piston pin	O.D.		21.961-21.965 mm (0.8646-0.8648 in.)	21.953 mm (0.8643 in.)
	Pin-to-piston clearance		-0.005 to +0.002 mm (-0.00020 to +0.00008 in.)	0.005 mm (0.0002 in.)
Connecting rod	Pin-to-rod clearance		0.005-0.015 mm (0.0002-0.0006 in.)	0.02 mm (0.0008 in.)
	Small-end bore diameter		21.970-21.976 mm (0.8650-0.8652 in.)	-

	Large-end bore diameter		51.0 mm (2.01 in.)	-
	End play installed on crankshaft		0.15-0.30 mm (0.006-0.012 in.)	0.40 mm (0.016 in.)
Crankshaft	Main journal diameter	No. 1 journal No. 2 journal No. 4 journal No. 5 journal	54.984-55.008 mm (2.1648-2.1657 in.)	-
		No. 3 journal	54.976-55.000 mm (2.1644-2.1654 in.)	-
	Rod journal diameter		44.976-45.000 mm (1.7707-1.7717 in.)	-
	Rod/main journal taper		0.005 mm (0.0002 in.) max.	0.010 mm (0.0004 in.)
	Rod/main journal out-of-round		0.005 mm (0.0002 in.) max.	0.010 mm (0.0004 in.)
	End play		0.10-0.35 mm (0.004-0.014 in.)	0.45 mm (0.018 in.)
	Runout		0.03 mm (0.0012 in.) max.	0.04 mm (0.0016 in.)
Crankshaft bearing	Main bearing-to-journal oil clearance	No. 1 journal No. 2 journal No. 4 journal No. 5 journal	0.017-0.041 mm (0.0007-0.0016 in.)	0.050 mm (0.0020 in.)
		No. 3 journal	0.025-0.049 mm (0.0010-0.0019 in.)	0.055 mm (0.0022 in.)

	Rod bearing clearance		0.032-0.066 mm (0.0013-0.0026 in.)	0.077 mm (0.0030 in.)

ENGINE LUBRICATION (R18A1 ENGINE)

STANDARDS AND SERVICE LIMITS - ENGINE LUBRICATION (R18A1 ENGINE)

Item	Measurement	Qualification	Standard or New	Service Limit
Engine oil	Capacity	Engine overhaul	4.5 L (4.8 US qt)	
		Oil change including filter	3.7 L (3.9 US qt)	
		Oil change without filter	3.5 L (3.7 US qt)	
Oil pump	Inner-to-outer rotor clearance		0.02-0.16 mm (0.001-0.006 in.)	0.20 mm (0.008 in.)
	Pump housing-to-outer rotor clearance		0.100-0.175 mm (0.0039-0.0069 in.)	0.20 mm (0.008 in.)
	Pump housing-to-outer rotor axial clearance		0.02-0.07 mm (0.001-0.003 in.)	0.12 mm (0.005 in.)
	Oil pressure with oil temperature at 176°F (80°C)	At idle	70 kPa (0.7 kgf/cm^2 psi)	
		At 3,000 rpm	340 kPa (3.5 kgf/cm^2 , 50 psi)	

ENGINE LUBRICATION (K20Z3 ENGINE)

STANDARDS AND SERVICE LIMITS - ENGINE LUBRICATION (K20Z3 ENGINE)

Item	Measurement	Qualification	Standard or New	Service Limit

Engine oil	Capacity	Engine overhaul	5.5 L (5.8 US qt)	
		Oil change including filter	4.4 L (4.6 US qt)	
		Oil change without filter	4.2 L (4.4 US qt)	
Oil pump	Inner-to-outer rotor clearance		0.06-0.16 mm (0.002-0.006 in.)	0.20 mm (0.008 in.)
	Pump housing-to-outer rotor clearance		0.15-0.21 mm (0.006-0.008 in.)	0.23 mm (0.009 in.)
	Pump housing-to-outer rotor axial clearance		0.035-0.070 mm (0.0013-0.0028 in.)	0.12 mm (0.005 in.)
	Balancer shafts, journal diameter	No. 1 journal, front shaft	19.938-19.950 mm (0.7850-0.7854 in.)	19.92 mm (0.784 in.)
		No. 1 journal, rear shaft	23.938-23.950 mm (0.9424-0.9429 in.)	23.92 mm (0.942 in.)
		No. 2 journal, front and rear shaft	32.949-32.961 mm (1.2972-1.2977 in.)	32.93 mm (1.296 in.)
	Balancer shafts, journal taper		0.005 mm (0.0002 in.) max.	-
	Balancer shafts, end play	Front	0.063-0.108 mm (0.0025-0.0043 in.)	0.14 mm (0.0055 in.)
		Rear	0.063-0.108 mm (0.0025-0.0043 in.)	0.14 mm (0.0055 in.)
	Balancer shafts, shaft-to-bearing	No. 1 journal, front shaft	0.050-0.082 mm (0.0020-	0.10 mm (0.004 in.)

	clearance		0.0032 in.)	
		No. 1 journal, rear shaft	0.050-0.082 mm (0.0020-0.0032 in.)	0.10 mm (0.004 in.)
		No. 2 journal, front and rear shaft	0.060-0.120 mm (0.0024-0.0047 in.)	0.15 mm (0.006 in.)
	Balancer shaft bearings, I.D.	No. 1 journal, front shaft	20.000-20.020 mm (0.7874-0.7882 in.)	20.03 mm (0.789 in.)
		No. 1 journal, rear shaft	24.000-24.020 mm (0.9449-0.9457 in.)	24.03 mm (0.946 in.)
		No. 2 journal, front and rear shaft	33.021-33.069 mm (1.3000-1.3019 in.)	33.09 mm (1.303 in.)
	Relief valve, oil pressure with oil temperature at 176 °F (80 °C)	At idle	70 kPa (0.7 kgf/cm^2 , 10 psi) min.	
		At 3,000 rpm	300 kPa (3.1 kgf/cm^2 , 44 psi) min.	

COOLING SYSTEM (R18A1 ENGINE)

STANDARDS AND SERVICE LIMITS - COOLING SYSTEM (R18A1 ENGINE)

Item	Measurement	Qualification	Standard or New
Radiator	Coolant capacity (includes engine, heater, hoses, and reservoir) Use Honda Long Life Antifreeze/Coolant Type 2	M/T: engine overhaul	6.5 L (1.72 US gal)
		A/T engine overhaul	6.7 L (1.77 US gal)
		M/T: coolant change	5.2 L (1.37 US gal)
		A/T coolant change	5.3 L (1.40 US

			gal)
		M/T: engine overhaul	6.5 L (1.72 US gal)
		A/T engine overhaul	7.1 L (1.88 US gal)
		M/T: coolant change	5.2 L (1.37 US gal)
		A/T: coolant change	5.5 L (1.45 US gal)
Reservoir	Coolant capacity		0.4 L (0.11 US gal)
Radiator cap	Opening pressure		93-123 kPa (0.95-1.25 kgf/cm^2 , 14-18 psi)
Thermostat	Opening temperature	Begins to open	176-183°F (80-84°C)
		Fully open	203°F (951)
	Valve lift at fully open		8.0 mm (0.31 in.) min.

COOLING SYSTEM (K20Z3 ENGINE)

STANDARDS AND SERVICE LIMITS - COOLING SYSTEM (K20Z3 ENGINE)

Item	Measurement	Qualification	Standard or New
Radiator	Coolant capacities (including engine, heater, hoses, and reservoir) Use Honda Long Life Antifreeze/Coolant Type 2	Engine overhaul	6.8 L (1.80 US gal)
		Coolant change	4.5 L (1.19 US gal)

Reservoir	Coolant capacity		0.4 L (0.11 US gal)
Radiator cap	Opening pressure		93-123 kPa (0.95-1.25 kgf/cm^2 , 14-18 psi)
Thermostat	Opening temperature	Begins to open	169-176°F (76-80°C)
		Fully open	194°F (90°C)
	Valve lift at fully open		8.0 mm (0.31 in.)

FUEL AND EMISSIONS (R18A1)

STANDARDS AND SERVICE LIMITS - FUEL AND EMISSIONS

Item	Measurement	Qualification	Standard or New
Fuel pressure regulator	Pressure with fuel pressure gauge connected		380-430 kPa (3.9-4.4 kgf/cm^2 , 55-63 psi)
Fuel tank	Capacity		50 L (13.2 US gal)
Engine idle (USA models)	Idle speed without load	A/T (in N or P position), M/T (in neutral)	670 50 rpm
	Idle speed with high electrical load (A/C switch ON, temperature set to max cool, blower fan on High, rear window defogger ON, and headlights on high beam)	A/T (in N or P position), M/T (in neutral)	710 50 rpm
Engine idle	Idle speed without	A/T (in N or P	750 50 rpm

(Canada models)	load	position), M/T (in neutral)	
	Idle speed with high electrical load (A/C switch ON, temperature set to max cool, blower fan on High, rear window defogger ON, and headlights on high beam)	A/T (in N or P position), M/T (in neutral)	750 50 rpm

FUEL AND EMISSIONS (K20Z3)

STANDARDS AND SERVICE LIMITS - FUEL AND EMISSIONS

Item	Measurement	Qualification	Standard or New
Fuel pressure regulator	Pressure with fuel pressure gauge connected	K20Z3 engine	330-380 kPa (3.4-3.9 kgf/cm^2 , 48-55 psi)
Fuel tank	Capacity		50 L (13.2 US gal)
Engine idle	Idle speed without load	In neutral	750 50 rpm
	Idle speed with high electrical load (A/C switch ON, temperature set to max cool, blower fan on High, rear window defogger ON, and headlights on high beam)	In neutral	750 50 rpm

CLUTCH

STANDARDS AND SERVICE LIMITS - CLUTCH

Item	Measurement	Qualification	Standard or New	Service Limit
Clutch pedal	Height from the floor		157 mm (6.18 in.)	-
	Stroke		130-140 mm (5.12-5.51 in.)	-
	Play		10-18 mm (0.39-0.71 in.)	-
	Disengagement height from the floor		77 mm (3.03 in.) min.	-
Flywheel	Runout on clutch mating surface		0.05 mm (0.002 in.) max.	0.15 mm (0.006 in.)
Clutch disc	Rivet head depth	5M/T model	1.35-1.95 mm (0.053-0.077 in.)	0.2 mm (0.01 in.)
		6M/T model	1.65-2.25 mm (0.065-0.089 in.)	0.7 mm (0.03 in.)
	Thickness	5M/T model	7.8-8.4 mm (0.30-0.33 in.)	6.0 mm (0.24 in.)
		6M/T model	8.3-8.9 mm (0.33-0.35 in.)	6.0 mm (0.24 in.)
Pressure plate	Warpage		0.03 mm (0.001 in.) max.	0.15 mm (0.006 in.)
	Height if diaphragm spring fingers	Measured with clutch alignment disc, clutch alignment shaft, remover handle, and feeler gauge	0.6 mm (0.02 in.) max.	0.8 mm (0.03 in.)

MANUAL TRANSMISSION AND M/T DIFFERENTIAL (5-SPEED)

STANDARDS AND SERVICE LIMITS - MANUAL TRANSMISSION AND M/T DIFFERENTIAL (5-SPEED)

Item	Measurement	Qualification	Standard or New	Service Limit
Manual transmission fluid	Capacity Use Honda MTF	Fluid change	1.4 L (1.5 US qt)	
		Overhaul	1.6 L (1.7 US qt)	
Mainshaft	End play		0.11-0.18 mm (0.004-0.007 in.)	Adjust
	Diameter of bushing contact area		18.800-18.850 mm (0.7402-0.7421 in.)	18.75 mm (0.738 in.)
	Diameter of distance collar contact area		28.992-29.005 mm (1.1414-1.1419 in.)	28.93 mm (1.139 in.)
	Diameter of ball bearing contact area (clutch housing side)		25.977-25.990 mm (1.0227-1.0232 in.)	25.92 mm (1.020 in.)
	Diameter of needle bearing contact area		34.984-35.000 mm (1.3773-1.3780 in.)	34.93 mm (1.375 in.)
	Diameter of ball bearing contact area (transmission housing side)		24.987-25.000 mm (0.9837-0.9843 in.)	24.93 mm (0.981 in.)
	Runout		0.02 mm (0.001 in.) max.	0.05 mm (0.002 in.)

Mainshaft 3rd, 4th, and 5th gear	I.D.		39.009-39.025 mm (1.5358-1.5364 in.)	38.95 mm (1.533 in.)
	End play	3rd	0.06-0.21 mm (0.002-0.008 in.)	0.30 mm (0.012 in.)
		4th	0.06-0.19 mm (0.002-0.007 in.)	0.28 mm (0.011 in.)
		5th	0.06-0.14 mm (0.002-0.006 in.)	0.23 mm (0.009 in.)
	Thickness	3rd	27.02-27.07 mm (1.064-1.066 in.)	26.95 mm (1.061 in.)
		4th	25.52-25.57 mm (1.005-1.007 in.)	25.45 mm (1.002 in.)
		5th	22.42-22.47 mm (0.883-0.885 in.)	22.35 mm (0.880 in.)
Mainshaft 4th and 5th gear distance collar	I.D.		29.014-29.024 mm (1.1423-1.1427 in.)	29.03 mm (1.423 in.)
	O.D.		34.989-35.000 mm (1.3775-1.3780 in.)	34.94 mm (1.376 in.)
	Length	A	48.97-49.03 mm (1.9279-1.9303 in.)	-
		B	22.53-22.56	-

			mm (0.887-0.888 in.)	
MBS distance collar	I.D.		25.00-25.10 mm (0.984-0.988 in.)	28.02 mm (1.103 in.)
	Length		24.03-24.08 mm (0.946-0.948 in.)	-
Countershaft	Diameter of needle bearing contact area (clutch housing side)		34.000-34.015 mm (1.3386-1.3392 in.)	33.95 mm (1.337 in.)
	Diameter of distance collar contact area		38.987-39.000 mm (1.5349-1.5354 in.)	38.94 mm (1.533 in.)
	Diameter of ball bearing contact area (transmission housing side)		26.020-26.033 mm (1.0244-1.0249 in.)	25.97 mm (1.022 in.)
	Runout		0.02 mm (0.001 in.) max.	0.05 mm (0.002 in.)
	35 mm shim-to-bearing inner race clearance		0.04-0.10 mm (0.0016-0.0039 in.)	Adjust
Countershaft 1st and 2nd gear	I.D.		48.509-48.525 mm (1.9098-1.9104 in.)	48.58 mm (1.913 in.)
	End play	1st	0.06-0.21 mm (0.002-	0.25 mm (0.010 in.)

			0.008 in.)	
		2nd	0.06-0.14 mm (0.002-0.006 in.)	0.23 mm (0.009 in.)
	Thickness	1st	27.42-27.47 mm (1.080-1.081 in.)	-
		2nd	26.42-26.47 mm (1.040-1.042 in.)	-
Countershaft 1st and 2nd gear distance collar	I.D.		39.00-39.01 mm (1.5354-1.5358 in.)	39.02 mm (1.536 in.)
	O.D.		44.489-44.5 mm (1.7515-1.7520 in.)	44.44 mm (1.750 in.)
	Length	1st	21.53-21.58 mm (0.843-0.849 in.)	-
		2nd	26.53-26.56 mm (1.044-1.046 in.)	-
Reverse idler gear	I.D.		18.016-18.043 mm (0.7090-0.7104 in.)	18.08 mm (0.712 in.)
	Gear-to-reverse gear shaft clearance		0.032-0.077 mm (0.001-0.003 in.)	0.14 mm (0.006 in.)
Synchro ring	Ring-to-gear clearance	Ring pushed against gear	0.655-1.334 mm (0.026-0.053 in.)	0.4 mm (0.016 in.)
Shift fork	Finger thickness	1-2	6.7-6.9 mm (0.26-0.27	-

			in.)	
		3-4,5	7.4-7.6 mm (0.29-0.30 in.)	-
	Fork-to-synchro sleeve clearance		0.35-0.65 mm (0.014-0.026 in.)	1.0 mm (0.039 in.)
Reverse shift fork	Finger width		14.7-14.9 mm (0.579-0.587 in.)	-
	Fork-to-reverse idler gear clearance		0.20-0.60 mm (0.007-0.024 in.)	1.2 mm (0.047 in.)
Shift arm	I.D.		14.013-14.058 mm (0.552-0.553 in.)	-
	Shift arm-to-shift piece clearance		0.20-0.61 mm (0.008-0.024 in.)	0.7 mm (0.028 in.)
	Shift arm-to-shift lever clearance		0.013-0.085 mm (0.0005-0.0033 in.)	-
Select lever	Finger width		14.85-14.95 mm (0.585-0.589 in.)	-
Change lever	O.D.		13.941-13.968 mm (0.549-0.550 in.)	-
	Interlock to select lever clearance		0.032-0.136 mm (0.001-0.005 in.)	-
Shift piece	I.D.		14.000-	-

			14.068 mm (0.5512-0.5539 in.)	
	Shift piece groove width		16.00-16.20 mm (0.630-0.638 in.)	-
	Shift piece finger width		15.9-16.0 mm (0.626-0.630 in.)	-
	Shift piece-to-shift fork clearance		0.2-0.5 mm (0.008-0.020 in.)	-
M/T differential carrier	Pinion shaft contact area I.D.		18.010-18.028 mm (0.7091-0.7098 in.)	-
	Carrier-to-pinion shaft clearance		0.027-0.057 mm (0.0011-0.0022 in.)	0.1 mm (0.004 in.)
	Driveshaft contact area I.D.		28.025-28.045 mm (1.1033-1.1041 in.)	-
M/T differential pinion gear	Backlash		0.05-0.15 mm (0.002-0.006 in.)	-
	I.D.		18.042-18.066 mm (0.7103-0.7113 in.)	-
	Pinion gear-to-pinion shaft clearance		0.059-0.095 mm (0.0023-0.0037 in.)	0.15 mm (0.006 in.)
80 mm shim	80 mm shim-to-		0-0.10 mm	Adjust

	bearing outer race clearance in transmission housing		(0-0.0039 in.)	

MANUAL TRANSMISSION AND M/T DIFFERENTIAL (6-SPEED)

STANDARDS AND SERVICE LIMITS - MANUAL TRANSMISSION AND M/T DIFFERENTIAL (6-SPEED)

Item	Measurement	Qualification	Standard or New	Service Limit
Manual transmission fluid	Capacity Use Honda MTF	Fluid change	1.5 L (1.6 US qt)	
		Overhaul	1.7 L (1.8 US qt)	
Mainshaft	End play		0.11-0.17 mm (0.004-0.007 in.)	Adjust
	Diameter of bushing contact area		20.80-20.85 mm (0.819-0.821 in.)	20.75 mm (0.817 in.)
	Diameter of distance collar contact area		31.984-32.000 mm (1.2594-1.2598 in.)	31.93 mm (1.257 in.)
	Diameter of ball bearing contact area (clutch housing side)		27.977-27.990 mm (1.1015-1.1020 in.)	27.92 mm (1.099 in.)
	Diameter of needle bearing contact area		38.984-39.000 mm (1.5348-1.5354 in.)	38.93 mm (1.533 in.)
	Diameter of ball bearing contact area (transmission		27.987-28.000 mm (1.1019-	27.93 mm (1.100 in.)

	housing side)		1.1024 in.)	
	Runout		0.02 mm (0.001 in.) max.	0.05 mm (0.002 in.)
Mainshaft 3rd, 4th, and 5th gear	I.D.		44.009-44.025 mm (1.7326-1.7333 in.)	44.08 mm (1.735 in.)
	End play		0.06-0.16 mm (0.002-0.006 in.)	0.25 mm (0.010 in.)
	Thickness		23.92-23.97 mm (0.941-0.944 in.)	23.80 mm (0.937 in.)
Mainshaft 6th gear	I.D.		40.009-40.025 mm (1.5752-1.5758 in.)	40.08 mm (1.578 in.)
	End play		0.06-0.16 mm (0.002-0.006 in.)	0.25 mm (0.010 in.)
	Thickness		23.92-23.97 mm (0.941-0.944 in.)	23.80 mm (0.937 in.)
Mainshaft 4th and 5th gear distance collar	I.D.		32.00-32.01 mm (1.2598-1.2602 in.)	32.02 mm (1.261 in.)
	O.D.		38.989-39.000 mm (1.5350-1.5354 in.)	38.94 mm (1.533 in.)
	Length	A	51.95-52.05 mm (2.045-2.049 in.)	-

		B	24.03-24.08 mm (0.946-0.948 in.)	-
Mainshaft 6th gear distance collar	I.D.		28.00-28.01 mm (1.102-1.103 in.)	28.02 mm (1.103 in.)
	O.D.		34.989-35.000 mm (1.3775-1.3779 in.)	34.940 mm (1.3756 in.)
	Length		24.03-24.08 mm (0.946-0.948 in.)	-
Countershaft	Diameter of needle bearing contact area (clutch housing side)		35.000-35.015 mm (1.3780-1.3785 in.)	34.95 mm (1.3760 in.)
	Diameter of distance collar contact area		39.937-39.950 mm (1.5723-1.5728 in.)	39.883 mm (1.5702 in.)
	Diameter of ball bearing contact area (transmission housing side)		30.020-30.033 mm (1.1819-1.1824 in.)	29.97 mm (1.180 in.)
	Runout		0.02 mm (0.001 in.) max.	0.05 mm (0.002 in.)
	35 mm shim-to-bearing inner race clearance		0.04-0.10 mm (0.0016-0.0039 in.)	Adjust
Countershaft 1st and 2nd	I.D.		52.010-52.029 mm	52.08 mm (2.050 in.)

gear			(2.0476-2.0484 in.)	
	End play		0.06-0.16 mm (0.002-0.006 in.)	0.25 mm (0.010 in.)
	Thickness	1st	22.92-22.97 mm (0.902-0.904 in.)	22.87 mm (0.900 in.)
		2nd	27.92-27.97 mm (1.099-1.101 in.)	27.87 mm (1.097 in.)
Countershaft 1st and 2nd gear distance collar	I.D.		39.95-39.96 mm (1.5728-1.5732 in.)	39.97 mm (1.574 in.)
	O.D.		46.989-47.000 mm (1.8499-1.8504 in.)	46.94 mm (1.848 in.)
	Length	1st	23.03-23.08 mm (0.907-0.909 in.)	-
		1st	28.03-28.08 mm (1.104-1.106 in.)	-
Reverse idler gear	I.D.		20.016-20.043 mm (0.7880-0.7891 in.)	20.90 mm (0.832 in.)
	Gear-to-reverse gear shaft clearance		0.036-0.084 mm (0.0014-0.0033 in.)	0.16 mm (0.006 in.)
Synchro ring	Ring-to-gear clearance	Ring pushed against gear	0.70-1.49 mm (0.028-0.059 in.)	0.4 mm (0.016 in.)

Double cone synchro	Outer synchro ring-to-synchro cone clearance	Ring pushed against gear	0.70-1.19 mm (0.028-0.047 in.)	0.3 mm (0.012 in.)
	Synchro cone-to-gear clearance	Ring pushed against gear	0.50-1.04 mm (0.020-0.041 in.)	0.3 mm (0.012 in.)
	Outer synchro ring-to-gear clearance	Ring pushed against gear	0.95-1.68 mm (0.037-0.066 in.)	0.6 mm (0.024 in.)
Triple cone synchro	Outer synchro ring-to-synchro cone clearance	Ring pushed against gear	0.70-1.19 mm (0.028-0.047 in.)	0.3 mm (0.012 in.)
	Synchro cone-to-gear clearance	Ring pushed against gear	0.50-1.04 mm (0.020-0.041 in.)	0.3 mm (0.012 in.)
	Outer synchro ring-to-gear clearance	Ring pushed against gear	0.95-1.68 mm (0.037-0.066 in.)	0.6 mm (0.024 in.)
Shift fork	Finger thickness		7.4-7.6 mm (0.29-0.30 in.)	-
	Fork-to-synchro sleeve clearance		0.35-0.65 mm (0.014-0.026 in.)	1.0 mm (0.039 in.)
Reverse shift fork	Finger width		13.4-13.7 mm (0.527-0.539 in.)	-
	Fork-to-reverse idler gear clearance		0.20-0.59 mm (0.007-0.024 in.)	1.3 mm (0.051 in.)
Shift arm	I.D.		13.973-14.000 mm (0.5501-0.5512 in.)	-

	Finger width		16.9-17.0 mm (0.665-0.669 in.)	-
	Shift arm-to-shift fork clearance		0.2-0.5 mm (0.007-0.020 in.)	0.62 mm (0.024 in.)
Select lever	Finger width		14.85-14.95 mm (0.585-0.589 in.)	-
Change lever	Shaft-to-select lever clearance		0.05-0.25 mm (0.002-0.010 in.)	0.50 mm (0.020 in.)
	Groove width		15.00-15.10 mm (0.591-0.594 in.)	-
	Shaft-to-shift arm clearance		0.013-0.070 mm (0.0005-0.0028 in.)	0.1 mm (0.004 in.)
M/T differential carrier	Pinion shaft contact area I.D.		18.010-18.028 mm (0.7091-0.7098 in.)	-
	Carrier-to-pinion shaft clearance		0.027-0.057 mm (0.0011-0.0022 in.)	0.1 mm (0.004 in.)
	Driveshaft contact area I.D.		28.025-28.045 mm (1.1033-1.1041 in.)	-
M/T differential pinion gear	Backlash		0.05-0.15 mm (0.002-0.006 in.)	-
	I.D.		18.042-18.066 mm	-

			(0.7103-0.7113 in.)	
	Pinion gear-to-pinion shaft clearance		0.059-0.095 mm (0.0023-0.0037 in.)	0.15 mm (0.006 in.)
80 mm shim	80 mm shim-to-bearing outer race clearance in transmission housing		0-0.10 mm (0-0.004 in.)	Adjust

AUTOMATIC TRANSMISSION AND A/T DIFFERENTIAL

STANDARDS AND SERVICE LIMITS - AUTOMATIC TRANSMISSION AND A/T DIFFERENTIAL (1 OF 3)

Item	Measurement	Qualification	Standard or New	Service Limit
Automatic transmission fluid	Capacity Use Honda ATF-Z1	Fluid change	2.4 L (2.5 US qt)	
		Overhaul	5.9 L (6.2 US qt)	
ATF pressure	Line pressure	At 2,000 rpm in P or N position	900-960 kPa (9.2-9.8 kgf/cm^2 , 130-140 psi)	850 kPa (8.7 kgf/cm^2 , 120 psi)
	1st clutch pressure	At 2,000 rpm in 1 position	890-970 kPa (9.1-9.9 kgf/cm^2 , 130-140 psi)	840 kPa (8.6 kgf/cm^2 , 120 psi)
	2nd clutch pressure	At 2,000 rpm in 2 position	890-970 kPa (9.1-9.9 kgf/cm^2 , 130-140 psi)	840 kPa (8.6 kgf/cm^2 , 120 psi)
	3rd clutch pressure	At 2,000 rpm in 3rd gear in D3	890-970 kPa (9.1-9.9	840 kPa (8.6

		position	kgf/cm^2 , 130-140 psi)	kgf/cm^2 , 120 psi)
	4th clutch pressure	At 2,000 rpm in 4th gear in D position	890-970 kPa (9.1-9.9 kgf/cm^2 , 130-140 psi)	840 kPa (8.6 kgf/cm^2 , 120 psi)
	5th clutch pressure	At 2,000 rpm in 5th gear in D position	890-970 kPa (9.1-9.9 kgf/cm^2 , 130-140 psi)	840 kPa (8.6 kgf/cm^2 , 120 psi)
Torque converter	Stall speed Check with vehicle on level ground		2,670 rpm	2,520-2,820 rpm
Clutch	Clutch end-plate-to-top disc clearance	1st	1.62-1.82 mm (0.064-0.072 in.)	-
		2nd and 4th	0.7-0.9 mm (0.028-0.035 in.)	-
		3rd and 5th	0.93-1.13 mm (0.037-0.044 in.)	-
	Clutch return spring free length	1st	36.0 mm (1.42 in.)	34.5 mm (1.36 in.)
		2nd and 4th	39.4 mm (1.55 in.)	37.4 mm (1.47 in.)
		3rd and 5th	45.15 mm (1.778 in.)	43.0 mm (1.69 in.)
	Clutch disc thickness	1st, 3rd, and 5th	1.94 mm (0.076 in.)	-
		2nd and 4th	1.96 mm (0.077 in.)	-

Clutch plate thickness	1st, 3rd, 4th, and 5th	1.6 mm (0.063 in.)	When discolored
	2nd	2.0 mm (0.079 in.)	When discolored
Clutch waved-plate height 1st, 3rd, and 5th clutches		0.07-0.20 mm (0.003-0.008 in.)	0.05 mm (0.002 in.)
1st, 3rd, and 5th clutch end-plate thickness	Markl	2.1 mm (0.082 in.)	When discolored
	Mark 2	2.2 mm (0.086 in.)	When discolored
	Mark 3	2.3 mm (0.090 in.)	When discolored
	Mark 4	2.4 mm (0.094 in.)	When discolored
	Mark 5	2.5 mm (0.098 in.)	When discolored
	Mark 6	2.6 mm (0.102 in.)	When discolored
	Mark 7	2.7 mm (0.106 in.)	When discolored
	Mark 8	2.8 mm (0.110 in.)	When discolored
	Mark 9	2.9 mm (0.114 in.)	When discolored
2nd and 4th clutch end-plate thickness	Mark AC or AM	2.1 mm (0.082 in.)	When discolored
	Mark AD or AN	2.2 mm (0.086 in.)	When discolored
	Mark AE or AP	2.3 mm (0.090 in.)	When discolored
	Mark AF or AQ	2.4 mm	When

			(0.094 in.)	discolored
		Mark AG or AR	2.5 mm (0.098 in.)	When discolored
		Mark AH or AS	2.6 mm (0.102 in.)	When discolored
		Mark AJ or AT	2.7 mm (0.106 in.)	When discolored
		Mark AK or AU	2.8 mm (0.110 in.)	When discolored
		Mark AL or AV	2.9 mm (0.114 in.)	When discolored
ATF pump	ATF pump thrust clearance		0.03-0.06 mm (0.001-0.002 in.)	0.07 mm (0.003 in.)
	ATF pump gear-to-body clearance	Drive gear	0.210-0.265 mm (0.008-0.010 in.)	-
		Driven gear	0.070-0.125 mm (0.003-0.005 in.)	-
	ATF pump driven gear I.D.		14.016-14.034 mm (0.5518-0.5525 in.)	When worn or damaged
	ATF pump driven gear shaft O.D.		13.980-13.990 mm (0.5504-0.5508 in.)	When worn or damaged
Stator shaft	Needle bearing contact I.D.	Torque converter side	27.000-27.021 mm (1.063-1.064 in.)	When worn or damaged
		ATF pump side	29.000-29.021 mm	-

			(1.1417-1.1426 in.)	
	Sealing ring contact area I.D.		29.000-29.021 mm (1.1417-1.1426 in.)	29.05 mm (1.144 in.)
Reverse shift fork	Fork finger thickness		5.90-6.00 mm (0.232-0.236 in.)	5.40 mm (0.213 in.)
Park gear and pawl			-	When worn or damaged
Servo body	Shift fork shaft bore I.D.		14.000-14.010 mm (0.5512-0.5526 in.)	When worn or damaged
	Shift fork shaft valve bore I.D.		37.000-37.039 mm (1.4567-1.4582 in.)	37.045 mm (1.4585 in.)
Regulator valve body	Sealing ring contact I.D.		29.000-29.021 mm (1.1417-1.1426 in.)	29.05 mm (1.144 in.)
Mainshaft	Diameter of needle bearing contact area	At stator shaft	22.984-23.000 mm (0.905-0.906 in.)	When worn or damaged
		At 5th gear collar	32.975-32.991 mm (1.298-1.300 in.)	When worn or damaged
		At 3rd gear	46.983-46.999 mm (1.8497-	When worn or damaged

		1.8503 in.)	
I.D. of gears	5th gear	37.000-37.016 mm (1.456-1.457 in.)	When worn or damaged
	3rd gear	52.000-52.019 mm (2.047-2.048 in.)	When worn or damaged
End play	5th gear	015-0.27 mm (0.006-0.106 in.)	-
	3rd gear	0.04-0.10 mm (0.002-0.004 in.)	-
40 x 63 mm thrust washer thickness	No. 1	3.750 mm (0.1476 in.)	When worn or damaged
	No. 2	3.775 mm (0.1486 in.)	When worn or damaged
	No. 3	3.800 mm (0.1496 in.)	When worn or damaged
	No. 4	3.825 mm (0.1506 in.)	When worn or damaged
	No. 5	3.850 mm (0.1516 in.)	When worn or damaged
	No. 6	3.875 mm (0.1526 in.)	When worn or damaged
	No. 7	3.900 mm (0.1535 in.)	When worn or damaged
	No. 8	3.925 mm (0.1545 in.)	When worn or damaged
	No. 9	3.950 mm (0.1555 in.)	When worn or damaged
	No. 10	3.975 mm	When worn

			(0.1565 in.)	or damaged
		No. 11	4.000 mm (0.1575 in.)	When worn or damaged
	5th gear collar length		60.4-60.5 mm (2.380-2.381 in.)	-
	5th gear collar flange thickness		3.70-3.85 mm (0.146-0.152 in.)	When worn or damaged
	Sealing ring thickness		1.91-1.97 mm (0.0752-0.0776 in.)	1.86 mm (0.0732 in.)
	Width of sealing ring groove		2.025-2.060 mm (0.0797-0.0811 in.)	2.080 mm (0.0819 in.)
	3rd clutch feed pipe O.D.		7.97-7.98 mm (0.3138-0.3142 in.)	7.95 mm (0.313 in.)
	Feed pipe bushing I.D.		8.000-8.015 mm (0.3150-0.3156 in.)	8.030 mm (0.3161 in.)
Countershaft	Diameter of needle bearing contact area	At torque converter housing	33.504-33.517 mm (1.3191-1.3196 in.)	When worn or damaged
		At 5th gear	32.986-32.999 mm (1.287-1.299 in.)	When worn or damaged
		Reverse selector hub	35.983-35.999 mm (1.4167-1.4173 in.)	When worn or damaged
	I.D. of gears	5th gear	39.000-	When worn

			39.016 mm (1.535-1.536 in.)	or damaged
		Reverse gear	42.000-42.016 mm (1.6535-1.6542 in.)	When worn or damaged
	End play	5th gear	0.64-0.87 mm (0.025-0.034 in.)	-
		Reverse gear	0.10-0.25 mm (0.0039-0.0098 in.)	-
	Reverse selector hub width		29.25-29.45 mm (1.1516-1.1595 in.)	-
	Collar, 33.2 x 40 x 26 mm length		25.95-26.00 mm (1.022-1.024 in.)	-
	Reverse selector hub O.D.		55.87-55.90 mm (2.200-2.201 in.)	When worn or damaged
Secondary shaft	Diameter of needle bearing contact area	1st gear	30.986-30.999 mm (1.2199-1.2204 in.)	When worn or damaged
		2nd gear	42.986-42.999 mm (1.6924-1.6929 in.)	When worn or damaged
		4th gear collar	34.975-34.991 mm (1.3770-1.3776 in.)	When worn or damaged

I.D. of gears	1st gear	38.000-38.016 mm (1.4961-1.4967 in.)	When worn or damaged
	2nd gear	49.000-49.016 mm (1.9291-1.9298 in.)	When worn or damaged
	4th gear	41.000-41.016 mm (1.6142-1.6148 in.)	When worn or damaged
End play	1st gear	0.04-0.12 mm (0.002-0.005 in.)	-
	2nd gear	0.04-0.12 mm (0.002-0.005 in.)	-
	4th gear	0.10-0.22 mm (0.004-0.009 in.)	-
31 x 54 mm thrust washer thickness	No. 1	3.925 mm (0.1545 in.)	When worn or damaged
	No. 2	3.950 mm (0.1555 in.)	When worn or damaged
	No. 3	3.975 mm (0.1565 in.)	When worn or damaged
	No. 4	4.000 mm (0.1575 in.)	When worn or damaged
	No. 5	4.025 mm (0.1585 in.)	When worn or damaged
	No. 6	4.050 mm (0.1594 in.)	When worn or damaged
	No. 7	4.075 mm	When worn

		(0.1604 in.)	or damaged
	No. 8	4.100 mm (0.1614 in.)	When worn or damaged
	No. 9	4.125 mm (0.1624 in.)	When worn or damaged
	No. 10	4.150 mm (0.1634 in.)	When worn or damaged
	No. 11	4.175 mm (0.1644 in.)	When worn or damaged
	No. 12	4.200 mm (0.1654 in.)	When worn or damaged
	No. 13	4.225 mm (0.1663 in.)	When worn or damaged
	No. 14	4.250 mm (0.1673 in.)	When worn or damaged
	No. 15	4.275 mm (0.1683 in.)	When worn or damaged
	No. 16	4.300 mm (0.1693 in.)	When worn or damaged
	No. 17	4.325 mm (0.1703 in.)	When worn or damaged
43 x 54.5 mm thrust washer thickness	No. 1	2.900 mm (0.114 in.)	When worn or damaged
	No. 2	2.925 mm (0.115 in.)u	When worn or damaged
	No. 3	2.950 mm (0.116 in.)	When worn or damaged
	No. 4	2.975 mm (0.117 in.)	When worn or damaged
	No. 5	3.000 mm (0.118 in.)	When worn or damaged
	No. 6	3.025 mm (0.119 in.)	When worn or damaged

	No. 7	3.050 mm (0.120 in.)	When worn or damaged
	No. 8	3.075 mm (0.121 in.)	When worn or damaged
	No. 9	3.100 mm (0.122 in.)	When worn or damaged
	No. 10	3.125 mm (0.123 in.)	When worn or damaged
	No. 11	3.150 mm (0.124 in.)	When worn or damaged
	No. 12	3.175 mm (0.125 in.)	When worn or damaged
	No. 13	3.200 mm (0.126 in.)	When worn or damaged
4th gear collar length		32.9-33.0 mm (1.295-1.299 in.)	-
4th gear collar flange thickness		3.75-3.90 mm (0.148-0.154 in.)	When worn or damaged
Sealing ring thickness		1.87-1.97 mm (0.074-0.078 in.)	1.82 mm (0.072 in.)
Width of sealing ring groove		2.025-2.060 mm (0.0797-0.0811 in.)	2.080 mm (0.0819 in.)
Clutch feed pipe O.D.	2nd clutch	6.97-6.98 mm (0.2744-0.2748 in.)	6.95 mm (0.2736 in.)
	4th clutch	11.47-11.48 mm (0.4516-0.4520 in.)	11.45 mm (0.4508 in.)
Clutch feed pipe bushing O.D.	2nd clutch	7.018-7.030 mm (0.2763-	7.045 mm (0.2774 in.)

			0.2768 in.)	
		4th clutch	11.500-11.518 mm (0.4528-0.4553 in.)	11.530 mm (0.4539 in.)
	ATF guide collar I.D. at sealing ring contact area		21.200-21.221 mm (0.8346-0.8355 in.)	21.25 mm (0.8366 in.)
Idler gear shaft	End cover bearing contact area		30.003-30.013 mm (1.1812-1.1816 in.)	When worn or damaged
	Cotters thickness		1.39-1.42 mm (0.0547-0.0559 in.)	-
Reverse idler gear	Reverse idler gear shaft O.D. at needle bearing contact area		14.99-15.00 mm (0.5902-0.5906 in.)	When worn or damaged
	I.D.		20.001-20.014 mm (0.7874-0.7880 in.)	When worn or damaged
	I.D. of reverse idler gear shaft contact area on transmission housing		14.800-14.818 mm (0.5827-0.5834 in.)	-
	I.D. of reverse idler gear shaft holder		14.800-14.824 mm (0.5827-0.5836 in.)	When worn or damaged

STANDARDS AND SERVICE LIMITS - AUTOMATIC TRANSMISSION AND A/T DIFFERENTIAL (2 OF 3)

Item	Measurement	Qualification	Standard or New			
			Wire Diameter	O.D.	Free Length	No. of Coil
Main valve body spring (see **MAIN VALVE BODY DISASSEMBLY, INSPECTION, AND REASSEMBLY**)	Cut valve B spring		0.8 mm (0.031 in.)	9.9 mm (0.290 in.)	27.3 mm (1.074 in.)	8.0
	Shift valve A spring		0.8 mm (0.031 in.)	7.1 mm (0.280 in.)	23.7 mm (0.933 in.)	9.7
	Shift valve C spring		0.8 mm (0.031 in.)	7.1 mm (0.280 in.)	23.7 mm (0.933 in.)	9.7
	Relief valve spring		1.0 mm (0.039 in.)	9.6 mm (0.378 in.)	34.1 mm (1.343 in.)	10.2
	Lock-up control valve spring		0.6 mm (0.024 in.)	7.1 mm (0.280 in.)	31.2 mm (1.228 in.)	11.2
	Cooler check valve spring		0.85 mm (0.033 in.)	6.6 mm (0.260 in.)	27.0 mm (1.063 in.)	11.3
	Shift valve D spring		0.8 mm (0.031 in.)	5.6 mm (0.220 in.)	28.1 mm (1.106 in.)	15.9

	Servo control valve spring		0.8 mm (0.031 in.)	9.9 mm (0.290 in.)	27.3 mm (1.075 in.)	8.0
Regulator valve body spring (see **REGULATOR VALVE BODY DISASSEMBLY, INSPECTION, AND REASSEMBLY**)	Stator reaction spring		4.5 mm (0.177 in.)	35.4 mm (1.394 in.)	30.3 mm (1.193 in.)	1.92
	Regulator valve spring A		1.9 mm (0.075 in.)	14.7 mm (0.579 in.)	80.6 mm (3.173 in.)	16.1
	Regulator valve spring B		1.6 mm (0.063 in.)	9.2 mm (0.362 in.)	44.0 mm (1.732 in.)	12.5
	Torque converter check valve spring		1.2 mm (0.047 in.)	8.6 mm (0.339 in.)	33.8 mm (1.331 in.)	12.2
	Lock-up shift valve spring		1.0 mm (0.039 in.)	6.6 mm (0.260 in.)	35.5 mm (1.398 in.)	18.2
	1st accumulator spring B		2.4 mm (0.094 in.)	12.2 mm (0.480 in.)	35.0 mm (1.378 in.)	7.7
	1st accumulator spring A		2.4 mm (0.094 in.)	18.6 mm (0.732 in.)	50.1 mm (1.972 in.)	6.7
	4th accumulator		2.5 mm (0.098	14.6 mm	29.9 mm	4.9

	spring		in.)	(0.575 in.)	(1.177 in.)	
Servo body spring (see **SERVO BODY DISASSEMBLY, INSPECTION, AND REASSEMBLY**)	Cut valve A spring		0.9 mm (0.035 in.)	9.9 mm (0.390 in.)	22.3 mm (0.878 in.)	6.9
	Shift valve B spring		0.8 mm (0.031 in.)	7.1 mm (0.280 in.)	23.7 mm (0.933 in.)	9.7
	5th accumulator spring A		2.5 mm (0.098 in.)	16.6 mm (0.654 in.)	46.9 mm (1.846 in.)	7.8
	5th accumulator spring B		1.9 mm (0.075 in.)	10.0 mm (0.394 in.)	38.5 mm (1.516 in.)	10.6
	2nd accumulator spring A		1.8 mm (0.071 in.)	14.6 mm (0.575 in.)	43.8 mm (1.724 in.)	7.9
	2nd accumulator spring B		1.85 mm (0.073 in.)	9.4 mm (0.370 in.)	32.5 mm (1.280 in.)	8.7
	3rd accumulator spring A		1.8 mm (0.071 in.)	14.6 mm (0.575 in.)	43.8 mm (1.724 in.)	7.9
	3rd accumulator spring B		1.85 mm (0.073 in.)	9.4 mm (0.370 in.)	32.5 mm (1.280 in.)	8.7

STANDARDS AND SERVICE LIMITS - AUTOMATIC TRANSMISSION AND A/T DIFFERENTIAL (3 OF 3)

Item	Measurement	Qualification	Standard or New	Service Limit
A/T differential carrier	Pinion shaft contact area I.D.		18.010-18.028 mm (0.709-0.710 in.)	-
	Carrier-to-pinion shaft clearance		0.027-0.057 mm (0.001-0.002 in.)	0.1 mm (0.004 in.)
	Driveshaft contact area I.D.		26.025-26.045 mm (1.024-1.025 in.)	-
	Carrier-to-driveshaft clearance		0.045-0.086 mm (0.002-0.003 in.)	0.12 mm (0.005 in.)
	Final driven gear backlash	(References)	0.085-0.142 mm (0.003-0.006 in.)	0.2 mm (0.008 in.)
A/T differential pinion gear	Backlash		0.05-0.15 mm (0.002-0.006 in.)	-
	I.D.		18.042-18.066 mm (0.7103-0.7113 in.)	-
	Pinion gear-to-pinion shaft clearance		0.059-0.095 mm (0.002-0.004 in.)	0.12 mm (0.005 in.)

STEERING (ELECTRONIC POWER STEERING)

STANDARDS AND SERVICE LIMITS - STEERING (EPS)

Item	Measurement	Qualification	Standard or New
Steering wheel	Rotational play measured at outside		0-10 mm (0-0.39 in.)

	edge with engine running		
	Starting load measured at outside edge with engine running		34 N (3.5 kgf, 7.7 lbf)
Gearbox	Angle of rack guide screw loosened from locked position		7 ° ± 3°

STEERING (HYDRAULIC POWER STEERING)

STANDARDS AND SERVICE LIMITS - STEERING (POWER STEERING)

Item	Measurement	Qualification	Standard or New
Steering wheel	Rotational play measured at outside edge with engine running		0-10 mm (0-0.39 in.)
	Starting load measured at outside edge with engine running		34 N (3.5 kgf, 7.7 lbf)
Gearbox	Angle of rack guide screw loosened from locked position		15° ± 5°
Pump	Output pressure with shut-off valve closed		7,850-8,550 kPa (80-87 kgf/cm^2, 1,140-1,240 psi)
Power steering fluid	Capacity Use Honda Power Steering Fluid	Fluid change	0.26 L (0.27 US qt, 0.22 lmp qt)
		System overhaul	0.8 L (0.85 US qt, 0.70 lmp)

SUSPENSION

STANDARDS AND SERVICE LIMITS - SUSPENSION

Item	Measurement	Qualification	Standard or New	Service Limit
Wheel alignment	Camber	Front	0°00' ± 30'	
		Rear (without "C" marks on the rear upper arm)	-1° 30'$^{+1°\ 05'}$ -0° 45'	
		Rear (with "C" marks on the rear upper arm)	-0° 45'$^{+1°\ 05'}$ -0° 45'	
	Caster	Front	7°00'±1°	
	Total toe-in	Front	0±2 mm (0±0.08 in.)	
		Rear	2^{+2} -1mm (0.08$^{+0.08}$ -0.04 in.)	
	Front wheel turning angle (DX, DX-G)	Inward	40°06' ± 2°	
		Outward	31 °55' (Reference)	
	Front wheel turning angle (Except DX, DX-G)	Inward	38° 46' ±2°	
		Outward	31 ° 14' (Reference)	
Wheel	Steel wheel runout	Axial	0-1.0 mm (0-0.04 in.)	2.0 mm (0.08 in.)
		Radial	0-1.0 mm (0-0.04 in.)	1.5 mm (0.06 in.)
	Aluminum wheel runout	Axial	0-0.7 mm (0-0.03 in.)	2.0 mm (0.08 in.)
		Radial	0-0.7 mm (0-0.03 in.)	1.5 mm (0.06 in.)
Wheel bearing	End play	Front	0-0.05 mm (0-0.002 in.)	
		Rear	0-0.05 mm (0-0.002 in.)	

BRAKES

STANDARDS AND SERVICE LIMITS - BRAKES

Item	Measurement	Qualification	Standard or New	Service Limit
Parking brake	Distance traveled when lever pulled with 196 N (20 kgf, 44 lbf) of force		8 to 10 clicks	
Brake pedal	Pedal height (carpet removed)	M/T model	153 mm (6 in.)	
		A/T model	158 mm (6 1/4 in.)	
	Free play		1-5 mm (1/16-3/16 in.)	
Brake disc	Thickness	Front (except Si)	20.9-21.1 mm (0.82-0.83 in.)	19.0 mm (0.75 in.)
		Front (Si)	24.9-25.1 mm (0.98-0.99 in.)	23.0 mm (0.91 in.)
		Rear	8.9-9.1 mm (0.35-0.36 in.)	8.0 mm (0.31 in.)
	Runout		-	0.04 mm (0.0016 in.)
	Parallelism		-	0.015 mm (0.0006 in.)
Brake pad	Pad thickness	Front (except Si)	9.6-10.2 mm (0.38-0.40 in.)	1.6 mm (0.06 in.)
		Front (Si)	9.0-9.7 mm (0.35-0.38 in.)	1.6 mm (0.06 in.)
		Rear	8.3-9.4 mm (0.33-0.37 in.)	1.6 mm (0.06 in.)
Rear brake (drum brake)	Brake drum I.D.		199.9-200 mm (7.870-7.874 in.)	201 mm (7.91 in.)
	Brake shoe lining thickness		4.0 mm (0.16 in.)	2.0 mm (0.08 in.)

AIR CONDITIONING

STANDARDS AND SERVICE LIMITS - AIR CONDITIONING

Item	Measurement	Qualification	Standard or New
Refrigerant	Type		HFC-134a(R-134a)
	Capacity of system		400-450 g (14.1-15.8 oz)
Refrigerant oil	Type		SP-10 (P/N 38897-P13-A01 or 38899-P13-A01)
	Capacity of components	Condenser	50 mL (1 2/3 fl.oz, 1.8 lmp oz)
		Evaporator	40 mL (1 1/3 fl.oz, 1.4 lmp oz)
		Each Line and hose	10 mL (1/3 fl.oz, 0.4 lmp oz)
		Compressor	75-85 mL (2 1/2-2 5/6 fl.oz, 2.6-3.0 lmp oz)
Compressor	Field coil resistance	At 68 °F (20 °C)	3.15-3.45 ohms
	Pulley-to-pressure plate clearance		0.35-0.65 mm (0.014-0.026 in.)

DESIGN SPECIFICATIONS

STANDARDS AND SERVICE LIMITS - DESIGN SPECIFICATIONS

Item	Measurement	Qualification	Specification
DIMENSIONS: 4-door	Overall length		4,489 mm (176.7 in.)
	Overall width		1,752 mm (69.0 in.)
	Overall height		1,435 mm (56.5 in.)

	Wheelbase		2,700 mm (106.3 in.)
	Track	Front	1,499 mm (59.0 in.)
		Rear	1,528 mm (60.2 in.)
	Ground clearance		154 mm (6.1 in.)
	Seating capacity		Five (5)
DIMENSIONS: 2-door	Overall length		4,440 mm (174.8 in.)
	Overall width		1,751 mm (68.9 in.)
	Overall height		1,359 mm (53.5 in.)
	Wheelbase		2,650 mm (104.3 in.)
	Track	Front	1,499 mm (59.0 in.)
		Rear	1,526 mm (60.1 in.)
	Ground clearance		154 mm (6.1 in.)
	Seating capacity		Five (5)
WEIGHT	Gross Vehicle Weight Rating: 4-door (GVWR)	DX, DX-G, and LX	1,665 kg (3,671 lbs)
		EX	1,695 kg (3,737 lbs)
		Si	See
	Gross Vehicle Weight Rating: 2-door (GVWR)	DX, DX-G, and LX	1,645 kg (3,627 lbs)
		EX	1,665 kg (3,671 lbs)

		Si	1,725 kg (3,803 lbs)
R18A1 engine	Type		Water cooled, 4-stroke SOHC i-VTEC gasoline engine
	Cylinder arrangement		Inline 4-cylinder, transverse
	Bore and stroke		81.0 x 87.3 mm (3.19 x 3.44 in.)
	Displacement		1,799 cm^3 (110 cu in.)
	Compression ratio		10.5
	Valve train		Chain drive, SOHC i-VTEC 4 valves per cylinder
	Lubrication system		Forced, wet sump, with trochoid pump
	Oil pump displacement	At 6,800 rpm	52.3 L (55.3 US qt, 46.0 lmp qt)/minute
	Water pump displacement	At 6,000 rpm	104 L (110 US qt, 110 lmp qt)/minute
	Fuel required		Regular UNLEADED gasoline with 87 Pump Octane Number or higher
K20Z3 engine	Type		Water cooled, 4-stroke DOHC i-VTEC gasoline engine

	Cylinder arrangement		Inline 4-cylinder, transverse
	Bore and stroke		86 x 86 mm (3.39 x 3.39 in.)
	Displacement		1,998 cm^3 (122 cu in.)
	Compression ratio		11.0
	Valve train		Chain drive, DOHC i-VTEC 4 valves per cylinder
	Lubrication system		Forced, wet sump, with trochoid pump
	Oil pump displacement	At 6,000 rpm	54.3 L (57.4 US qt, 47.8 lmp qt)/minute
	Water pump displacement	At 6,000 rpm	82 L (87 US qt, 72 lmp qt)/minute
	Fuel required		Premium UNLEADED gasoline with 91 Pump Octane Number or higher
STARTER	Type		Gear Reduction
	Nominal output		1.0 kW
	Nominal voltage		12 V
	Hour rating		30 seconds
	Direction of rotation		Counterclockwise as viewed from drive end
CLUTCH	Clutch		Single plate dry, diaphragm spring
	Clutch friction	R18A1 engine model	221 cm^2 (34.22 sq

	material surface area		in.)
		K20Z3 engine model	174 cm^2 (28.99 sq in.)
MANUAL TRANSMISSION (5-speed)	Type		Synchronized, 5-speed forward, 1 reverse
	Primary reduction		Direct 1:1
	Gear ratio	1st	3.142
		2nd	1.750
		3rd	1.241
		4th	0.969
		5th	0.805
		Reverse	3.230
	Final reduction	Type	Single helical gear
		Gear ratio	4.111
MANUAL TRANSMISSION (6-speed)	Type		Synchronized, 6-speed forward, 1 reverse
	Primary reduction		Direct 1:1
	Gear ratio	1st	3.267
		2nd	2.130
		3rd	1.517
		4th	1.147
		5th	0.921
		6th	0.659
		Reverse	3.583
	Final reduction	Type	Single helical gear
		Gear ratio	4.765
AUTOMATIC TRANSMISSION	Type		Electronically controlled

			automatic, 5-speed forward, 1 reverse, 3-element torque converter with lock-up clutch
	Primary reduction		Direct 1:1
	Gear ratio	1st	2.666
		2nd	1.534
		3rd	1.021
		4th	0.720
		5th	0.524
		Reverse	1.956
	Final reduction	Type	Single helical gear
		Gear ratio	4.437
STEERING (EPS)	Type		Rack and pinion with electrical power-assisted
	Overall ratio		13.62
	Turns, lock-to-lock		2.65
	Steering wheel diameter		360 mm (14.0 in.)
STEERING (Power Steering)	Type		Hydraulic power assisted rack and pinion
	Overall ratio		13.73
	Turns, lock-to-lock		2.67
	Steering wheel diameter		360 mm (14.0 in.)
SUSPENSION	Type	Front	Independent strut with stabilizer, coil

			spring
		Rear	Independent double wishbone with stabilizer, coil spring
	Shock absorber	Front and rear	Telescopic, hydraulic, nitrogen gas-filled
TIRES	Size of front and rear	DX, DX-G	P195/65+R 15 89H
		EX, LX	P205/55R16 89H
		Si	P215/45R17 89V or 215/45ZR17 91W
	Size of spare	Except Si	T125/70D15 95M
		Si (ABS model)	T125/70D16 96M
		Si (VSA model)	T135/80D16 101M
WHEEL ALIGNMENT	Camber	Front	0° 00'
		Rear (without "C" marks on the rear upper arm)	-1° 30'
		Rear (with "C" marks on the rear upper arm)	-0° 45'
	Caster	Front	7° 00'
	Total toe-in	Front	0 mm (0 in.)
		Rear	2 mm (0.08 in.)
	Front wheel turning angle (DX, DX-G)	Inward	40° 06'
		Outward (reference)	31° 55'
	Front wheel turning angle (except DX, DX-G)	Inward	38° 46'
		Outward (reference)	31° 14'

BRAKES	Type of service brake	Front	Power-assisted self-adjusting ventilated disc
		Rear (disc)	Power-assisted self-adjusting solid disc
		Rear (drum)	Power-assisted self-adjusting solid drum
	Type of parking brake		Mechanical actuating, rear wheels
	Pad friction surface area	Front (except Si)	37.5 cm^2 (5.81 sq in.) x 2
		Front (Si)	33.8 cm^2 (5.24 sq in.) x 2
		Rear	20.6 cm^2 (3.19 sq in.) x 2
	Shoe friction surface area	Rear	57.6 cm^2 (8.93 sq in.) x 2
AIR CONDITIONING	Compressor	Type	Scroll
		Capacity	77.1 mL (4.7 cu in.)/rev.
		Maximum speed	10,000 rpm
		Lubricant capacity	75 mL (2 1/2 fl-oz)
		Lubricant type	SP-10
	Condenser	Type	Corrugated fin
	Evaporator	Type	Corrugated fin
	Blower	Type	Stabilized swirling flow
		Motor type	220 W/12V
		Speed control	Infinite variable

		Maximum capacity	470 m^3 (16.571 cu ft)/h
	Temperature control		Air-mix type
	Compressor clutch	Type	Dry, single plate, poly V-belt drive
		Electrical power consumption at 68 ° F (20 ° F)	42 W maximum at 12 V
	Refrigerant	Type	HFC-134a (R-134a)
		Capacity	400-450 g (14.1-15.8 oz)
ELECTRICAL RATINGS	Battery	R18A1 engine, USA models	12V-45 Ah/20 HR (12 V-36 Ah/5 HR)
		K20Z3 engine, Canada models	12 V-47 Ah/20 HR (12 V-38 Ah/5HR)
	Fuses	Under-hood fuse/relay box	100 A, 80 A,70 A, 50 A, 40 A, 30 A, 20 A, 15 A, 10A, 7.5 A
		Under-dash fuse/relay box	30 A, 20 A, 15 A, 10 A, 7.5 A
	Light bulbs	Headlight high beam	12V-60W
		Headlight low beam	12V-51W
		Front side marker/parking/turn signal lights	2-door: 12V-28/5W (two filaments) Amber color 4-door: 12V-21/5W (two filaments) Amber color

		Rear turn signal lights	12V-21W Amber color
		Brake/Taillights	12V-21/5W (two filaments)
		Inner taillights	12V-5W (4-door)
		Rear side marker light	12V-5W
		High mount brake light	12V-21W (Except Si) 12V-LED (Si)
		Back-up lights	12V-21W
		License plate light	2-door: 12V-3 CP 4-door: 12V-5W
		Ceiling lights	12V-5W
		Individual map light	12V-8W
		Trunk light	12V-5W
		Gauge lights	12V-LED (non-replaceable)
		Indicator lights	12V-LED, 14V-0.56W, 0.84 W
	Washer reservoir	Capacity (USA models)	2.5 L (2.6 US qt)
		Capacity (Canada models)	4.5 L (4.8 US qt)

BODY SPECIFICATIONS

4-door:

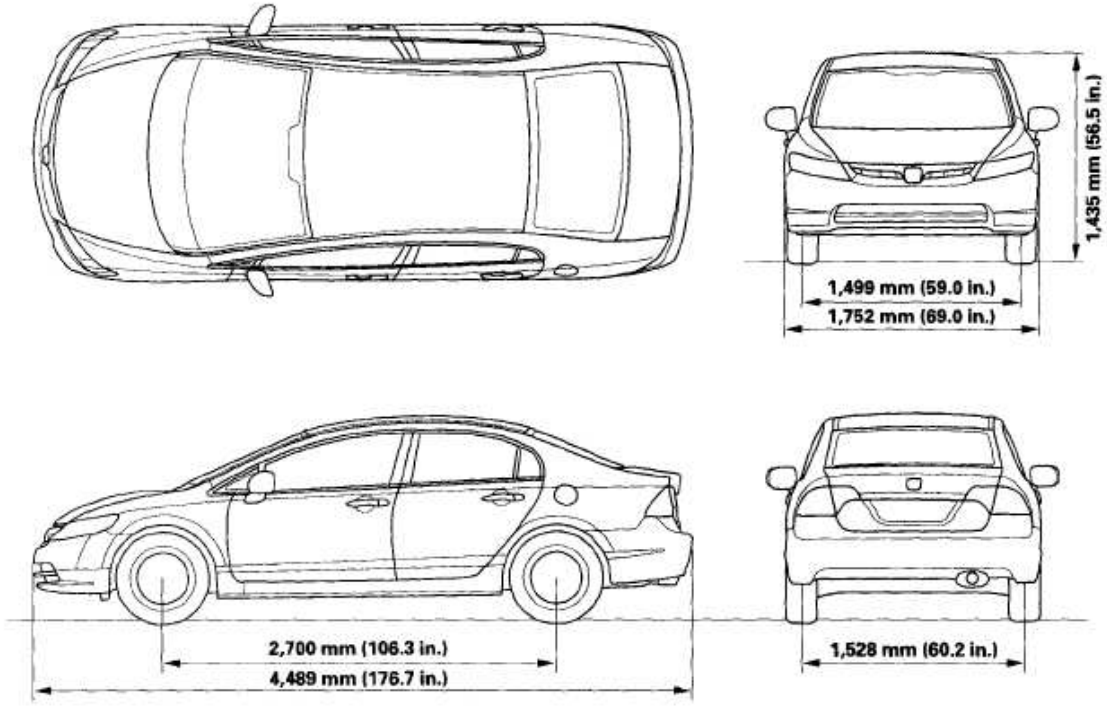

Fig. 1: Identifying Body Specifications (4-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2-door:

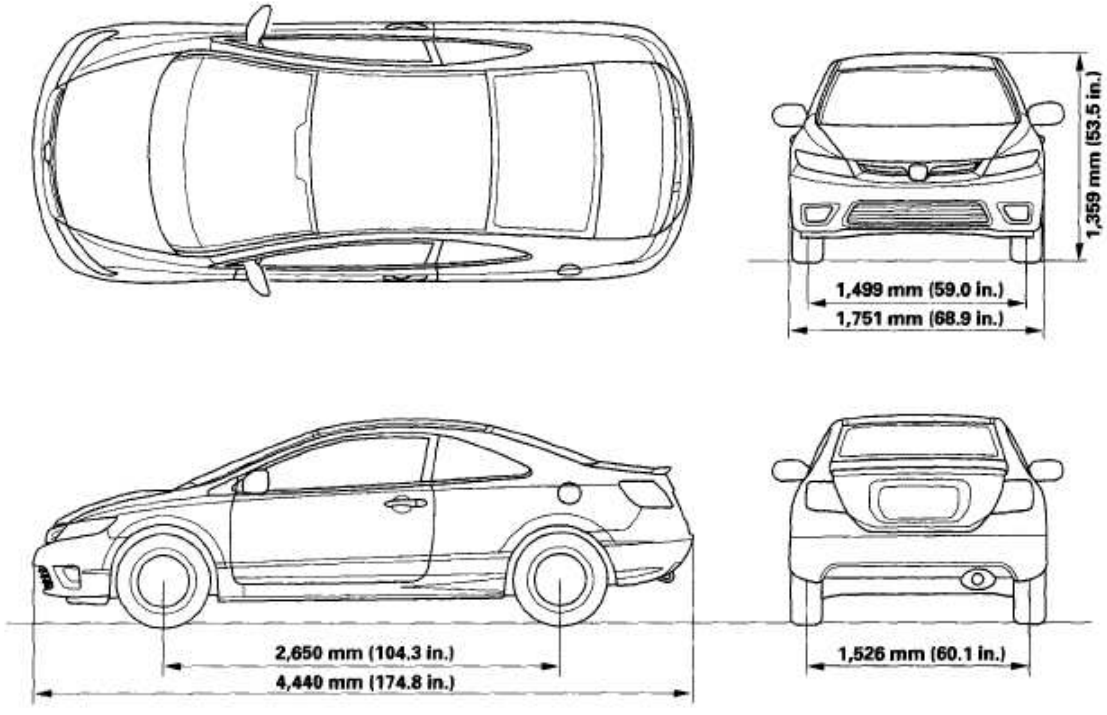

Fig. 2: Identifying Body Specifications (2-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.